

FIG.1

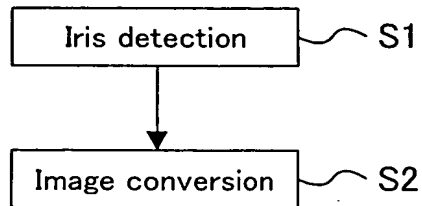


FIG.2

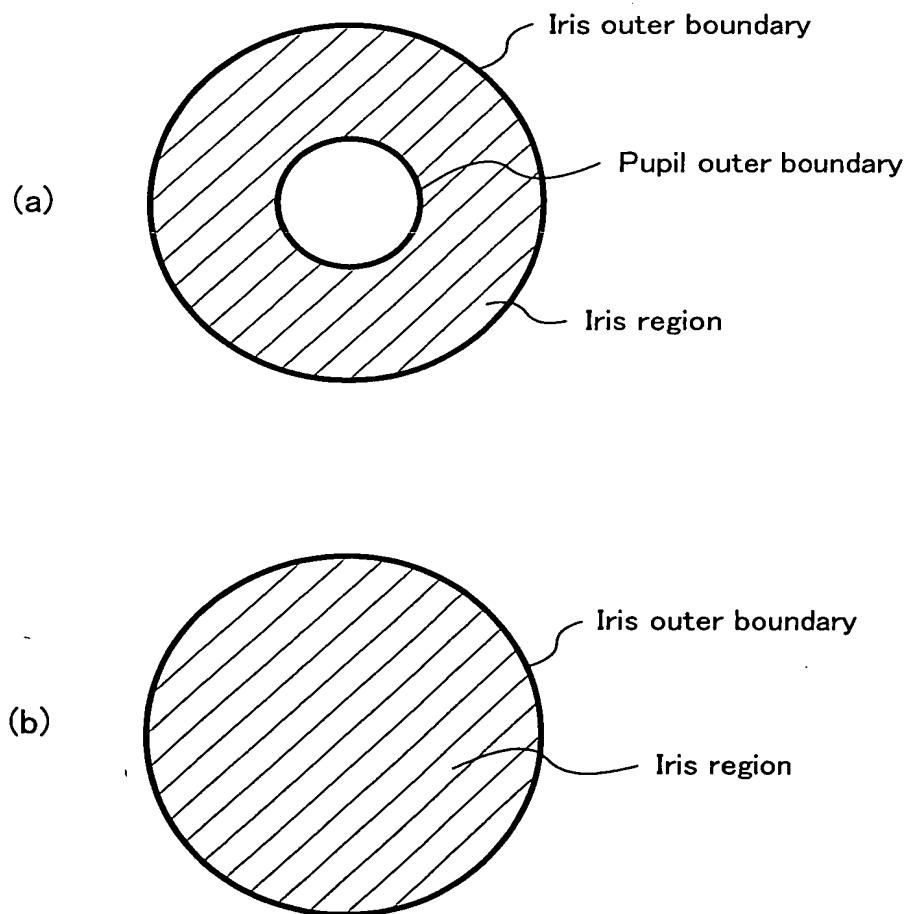


FIG.3

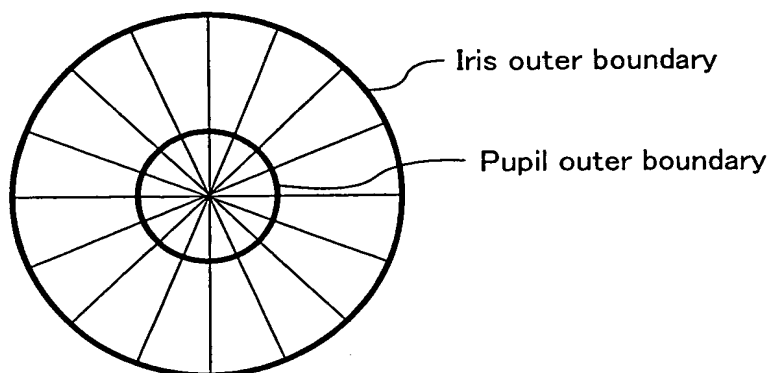
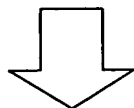
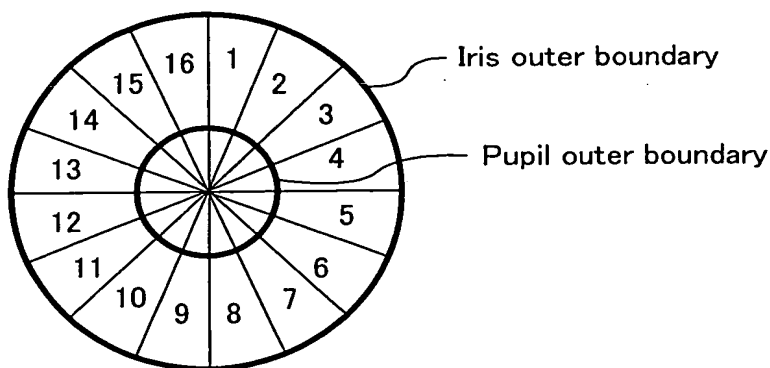


FIG.4

(a) Original iris image



(b) After re-arrangement

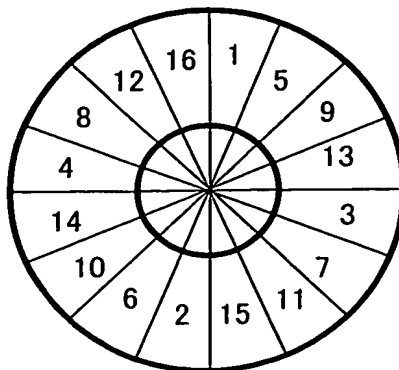


FIG.5

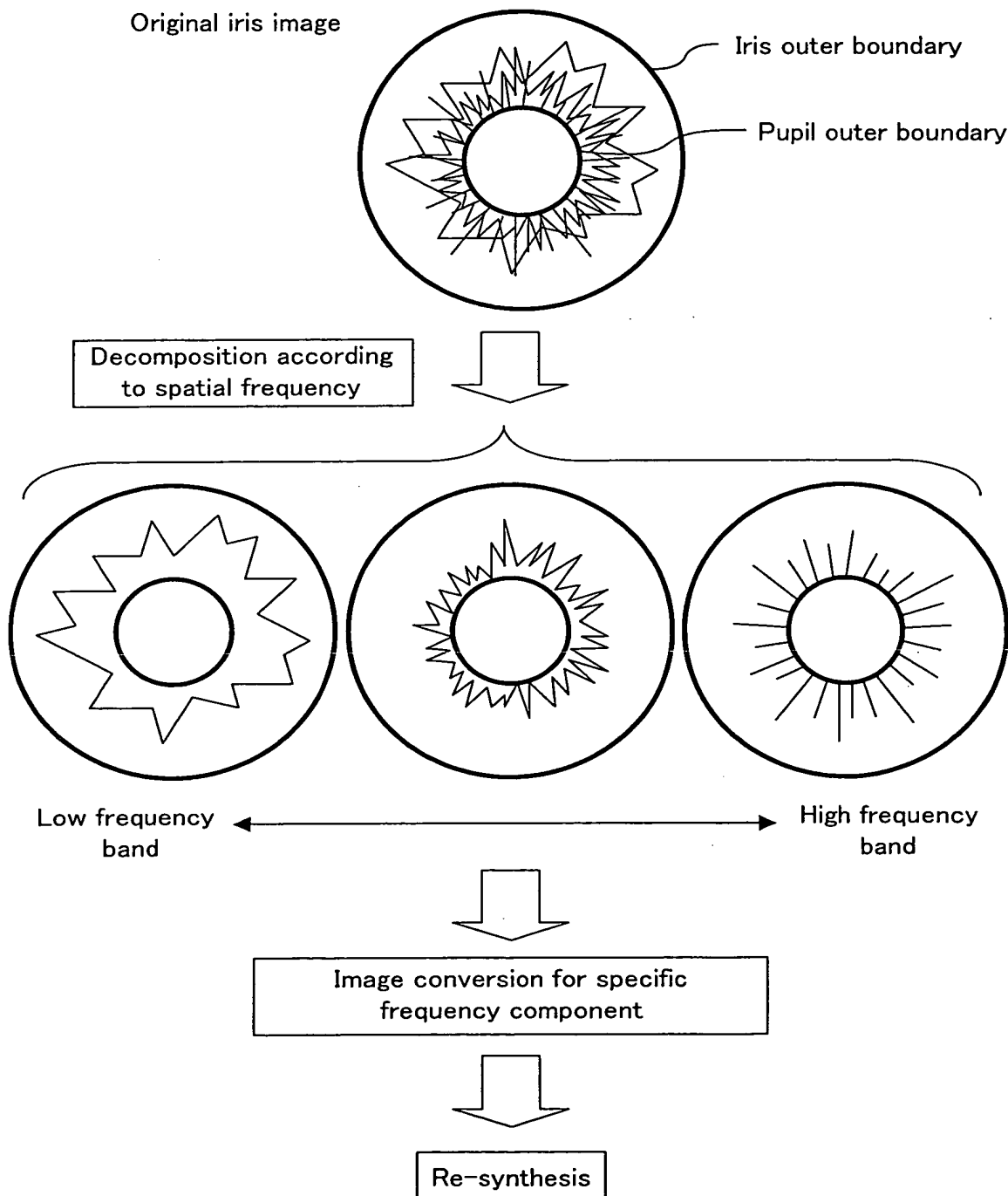
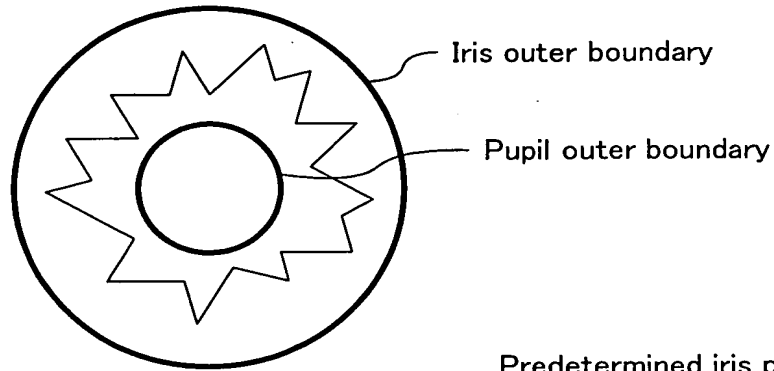
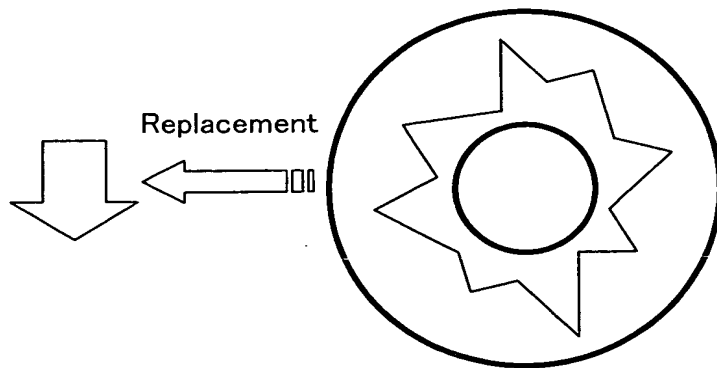


FIG.6

Original iris image



Predetermined iris pattern



After replacement

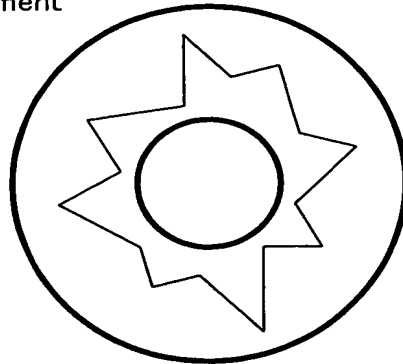
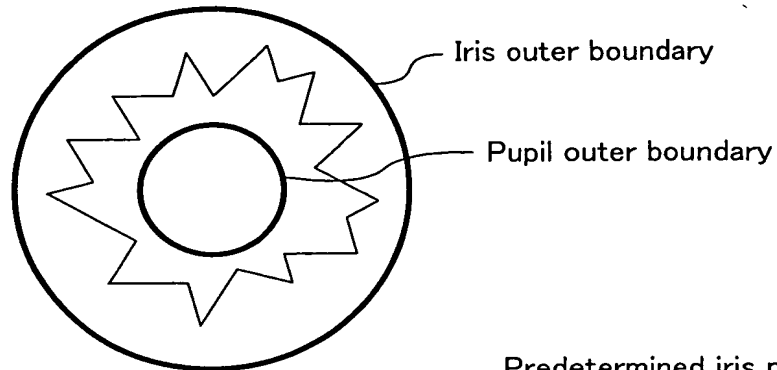
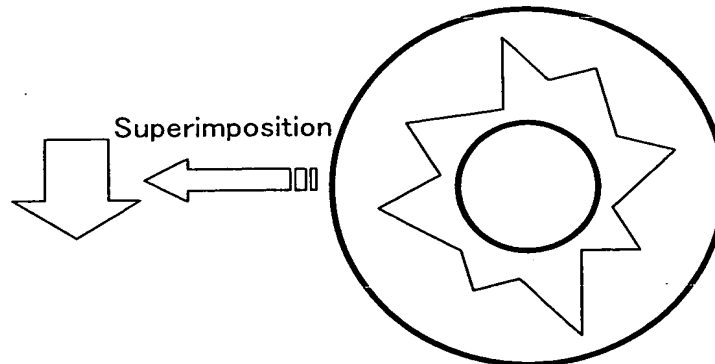


FIG.7

Original iris image



Predetermined iris pattern



After superimposition

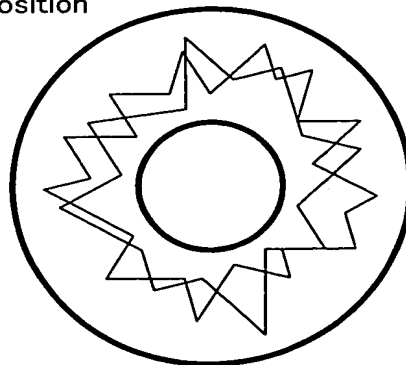


FIG.8

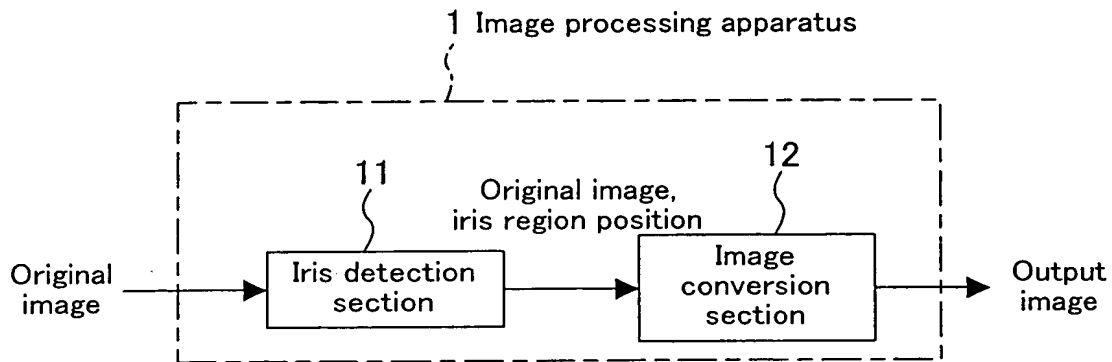


FIG.9

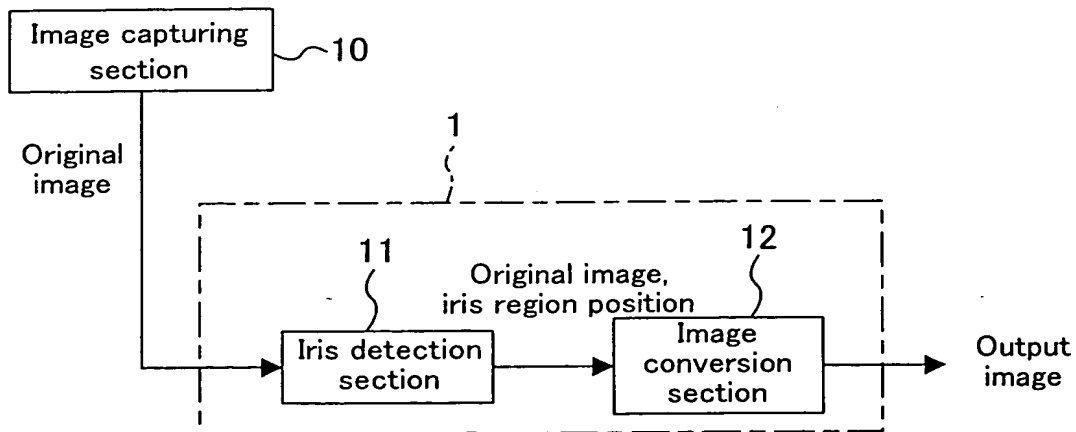


FIG.10

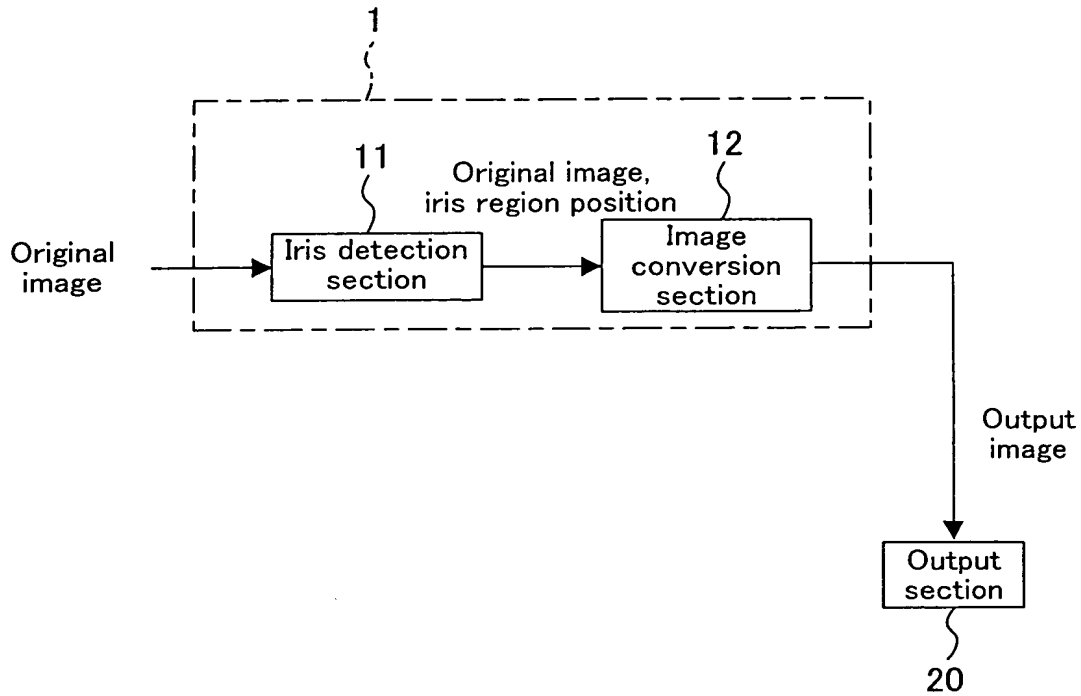


FIG.11

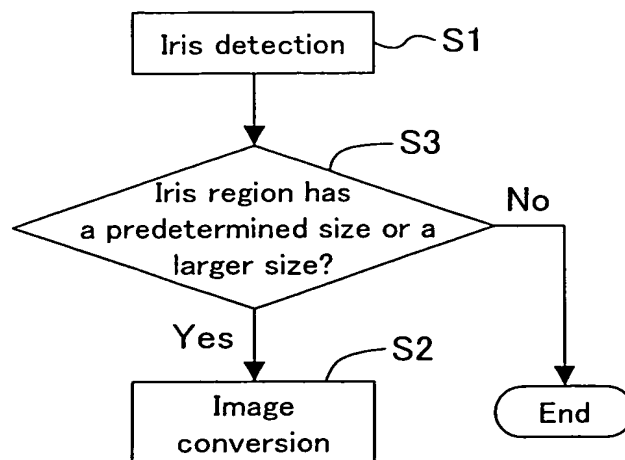
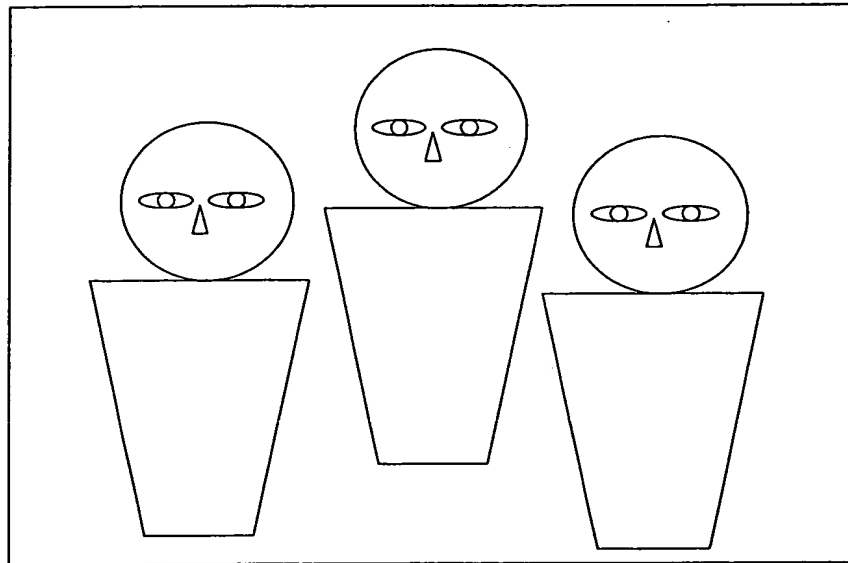


FIG.12

(a) No image conversion performed



(b) Image conversion performed

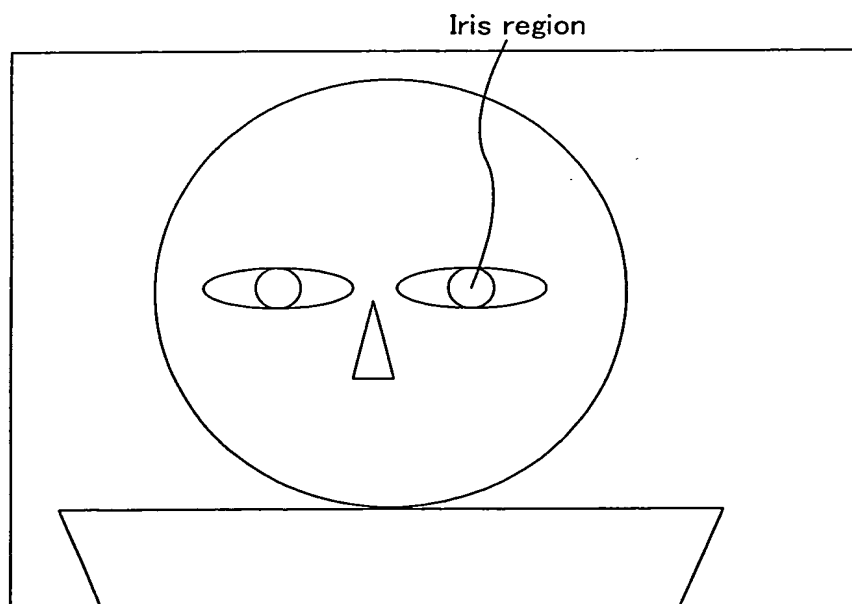




FIG.13

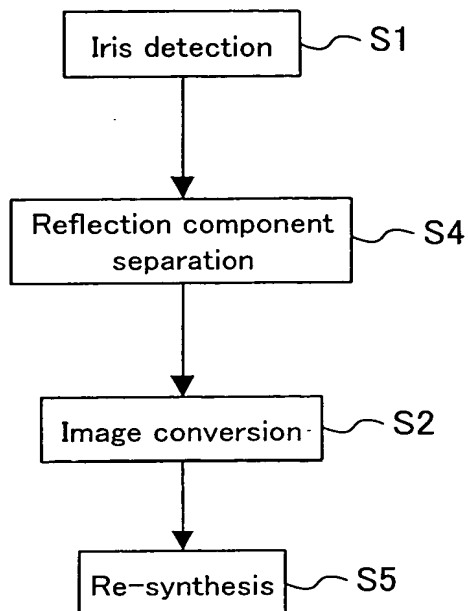


FIG.14

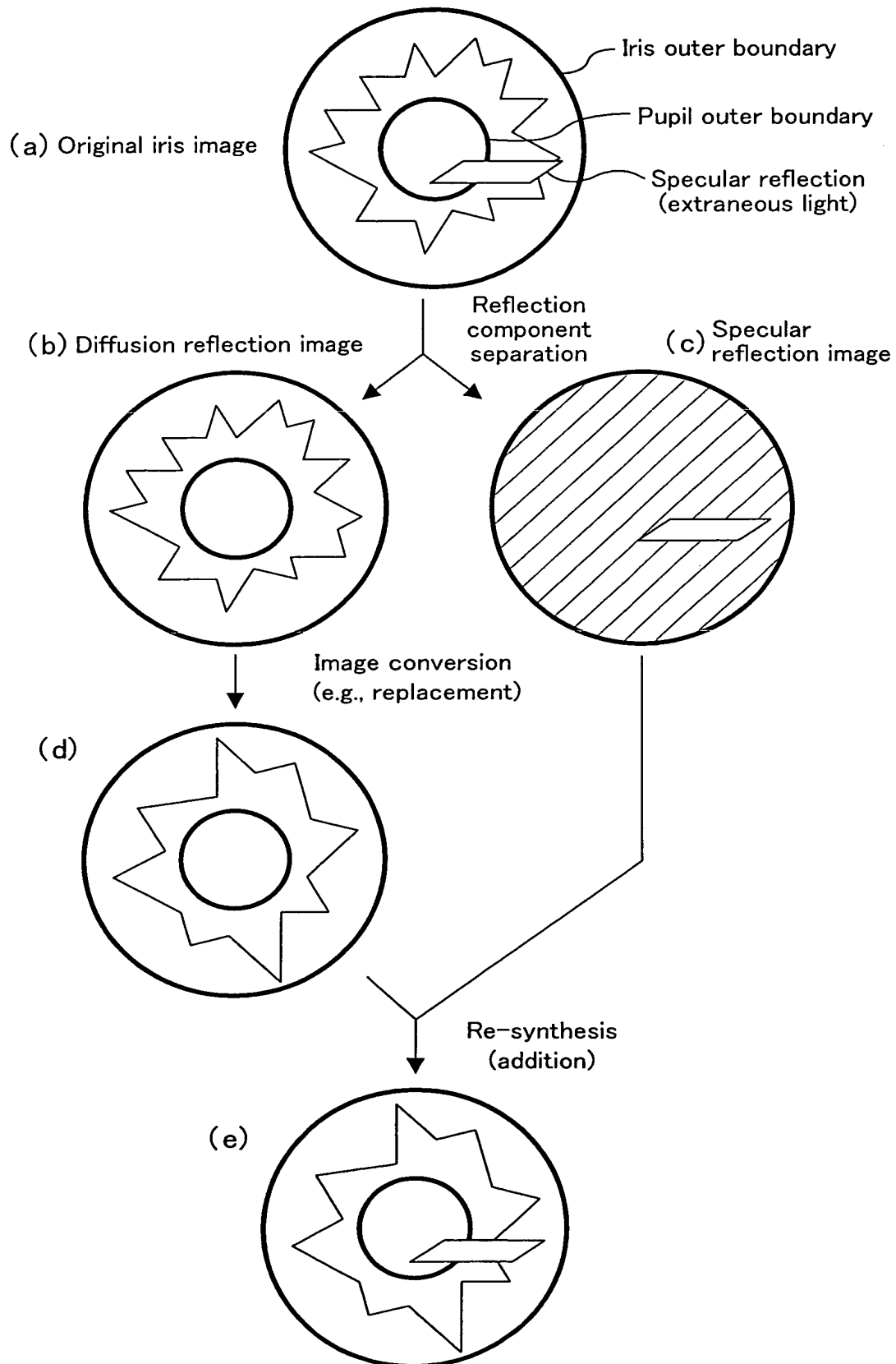


FIG.15

